## 10767802\_CLS.txt Most Frequently Occurring Classifications of Patents Returned From A Search of 10767802 on May 24, 2005

```
Original Classifications
4 367/84
3 701/100
        322222222
                     73/650
                       73/660
                      73/766
                   290/40R
                   290/43
367/83
700/287
                   702/183
 Cross-Reference Classifications
                  73/116
415/17
60/646
60/660
73/117.4
        32222222222222
                   290/40R
324/213
340/683
                  340/683
340/945
356/237.2
359/282
367/84
702/130
702/132
702/185
702/56
2 702/56

Combined Classifications
6 367/84
4 73/116
4 290/40R
3 367/83
3 415/17
3 700/287
3 701/100
2 60/646
2 60/660
2 73/117.4
2 73/650
2 73/660
2 73/766
2 290/43
2 324/213
2 340/683
2 340/945
2 356/237.2
2 359/282
2 700/289
2 702/130
2 702/132
2 702/183
2 702/185
2 702/56
         33332222222222222222222
                    702/56
```

## 10767802\_CLSTITLES.txt Titles of Most Frequently Occurring Classifications of Patents Returned From A Search of 10767802 on May 24, 2005

```
(4 OR, 2 XR)
  367/84
                367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
        Class
                         SYSTEMS AND DEVICES
                       WELLBORE TELEMETERING
        367/81
        367/83
                       .Through well fluids
        367/84
                       ..Rotary valve control
                 (0 OR, 4 XR)
4
    73/116
        Class
73/116
                073: MEASURING AND TESTING
                       MOTOR AND ENGINE TESTING
                  (2 OR, 2 XR)
  290/40R
        Class
                       PRIME-MOVER DYNAMO PLANTS
        290/7
                       ELECTRIC CONTROL
        290/40R
                       .Engine control
                 (2 OR, 1 XR)
367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
  367/83
        Class
                         SYSTEMS AND DEVICES
        367/81
367/83
                       WELLBORE TELEMETERING
                       .Through well fluids
3 415/17
                  (0 \text{ OR}, 3 \text{ XR})
                        ROTARY KINETIC FLUID MOTORS OR PUMPS
        Class
                       WITH CONTROL MEANS RESPONSIVE TO NON-CYCLIC
        415/13
                           CONDITION SENSING, CENTRIFUGAL ACTUATION OR TORQUE
                       .Plural diverse condition responsive (e.g.,
        415/17
                          temperature and pressure, speed and level, etc.)
                  (2 OR, 1 XR)
  700/287
                        DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
        class
                         SPECIFIC APPLICATIONS
        700/90
                       SPECIFIC APPLICATION, APPARATUS OR PROCESS
        700/286
                       .Electrical power generation or distribution
                           system
                       ..Turbine or generator control
        700/287
                  (3 OR, 0 XR)
3 701/100
                        DATA PROCESSING: VEHICLES, NAVIGATION, AND
        Class
                 701:
                         RELATIVE LOCATION
        701/1
                       VEHICLE CONTROL, GUIDANCE, OPERATION, OR
                            INDICATION
                       .With indicator or control of power plant
        701/99
                           (e.g., performance)
                       ..Gas turbine, compressor
        701/100
                  (0 OR, 2 XR)
2
    60/646
                 060 : POWER PLANTS
        Class
        60/643
                       MOTIVE FLUID ENERGIZED BY EXTERNALLY APPLIED
                            HEAT
        60/645
                       .Process of power production or system
                           operation
                       .. Including start up, shut down, cleaning,
        60/646
                          protective or maintenance procedure
2
    60/660
                  (0 OR, 2 XR)
                        POWER PLANTS
        Class
                 060:
        60/643
                       MOTIVE FLUID ENERGIZED BY EXTERNALLY APPLIED
                           HEAT
```

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10767802_CLSTITLES.txt
        60/660
                        .Having condition responsive control
                 (0 OR, 2 XR)
073 : MEASURING AND TESTING
2
    73/117.4
        class
        73/116
                        MOTOR AND ENGINE TESTING
        73/117.4
                        .Thrust measurement (e.g., jet engine)
                   (2 OR, 0 XR)
2
    73/650
                 073 : MEASURING AND TESTING
        Class
        73/570
                        VIBRATION
         73/649
                        .Sensing apparatus
         73/650
                        ..Torsional
2
    73/660
                   (2 OR, 0 XR)
        Class
                        MEASURING AND TESTING
         73/570
                        VIBRATION
        73/649
                        .Sensing apparatus
         73/658
                        .. With electrically controlled indicator
         73/660
                        ...Rotating machinery or device
                   (2 OR, 0 XR)
2
    73/766
                 073 : MEASURING AND TESTING
        Class
         73/760
                        SPECIMEN STRESS OR STRAIN, OR TESTING BY STRESS
                              OR STRAIN APPLICATION
                        .Specified electrical sensor or system
        73/763
        73/765
73/766
                        .. Compensation (e.g., linearization)
                        ... Temperature
  290/43
                   (2 OR, 0 XR)
        Class
                 290 :
                        PRIME-MOVER DYNAMO PLANTS
         290/7
                        ELECTRIC CONTROL
        290/43
                        .Fluid-current motors
                 (0 OR, 2 XR)
324 : ELECTRICITY: MEASURING AND TESTING
  324/213
        Class
         324/200
                        MAGNETIC
         324/213
                        .Magnetic recording medium on magnetized object
                           records object field
                   (0 \text{ OR}, 2 \text{ XR})
  340/683
                         COMMUNICATIONS: ELECTRICAL
                 340 :
        Class
        340/500
340/540
                        CONDITION RESPONSIVE INDICATING SYSTEM
                        .Specific condition
         340/679
                        ..Machine condition
         340/683
                        ...Vibration
  340/945
                  (0 \text{ OR}, 2 \text{ XR})
                 340 : COMMUNICATIONS: ELECTRICAL
        Class
         340/945
                        AIRCRAFT ALARM OR INDICATING SYSTEMS
  356/237.2
                  (0 OR, 2 XR)
        class
                 356: OPTICS: MEASURING AND TESTING
                        INSPECTION OF FLAWS OR IMPURITIES
         356/237.1
         356/237.2
                        .Surface condition
                  (0 \text{ OR}, 2 \text{ XR})
  359/282
        class
                 359 :
                        OPTICS: SYSTEMS
        359/237
359/238
                        OPTICAL MODULATOR
                        .Light wave temporal modulation (e.g.,
                                frequency, amplitude, etc.)
                        ... Changing bulk optical parameter ... Magneto-optic
        359/240
         359/280
         359/281
                        ....Modulation of polarized light via
```

## 10767802\_CLSTITLES.txt modulating input signal

359/282 .....Using layered structure or plural mediums

```
(1 OR, 1 XR)
  700/289
                 700 : DATA PROCESSING: GENERIC CONTROL SYSTEMS OR
        class
                         SPECIFIC APPLICATIONS
        700/90
                       SPECIFIC APPLICATION, APPARATUS OR PROCESS
        700/286
                       .Electrical power generation or distribution
                             system
                        ...Turbine or generator control
        700/287
        700/289
                        ... Adaptive valve control
2 702/130
                  (0 \text{ or}, 2 \text{ XR})
                 702:
                        DATA PROCESSING: MEASURING, CALIBRATING, OR
        Class
                         TESTING
        702/127
                       MEASUREMENT SYSTEM
        702/130
                        .Temperature measuring system
                 (0 OR, 2 XR)
702: DATA PROCESSING: MEASURING, CALIBRATING, OR
2 702/132
        Class
                         TESTING
        702/127
                       MEASUREMENT SYSTEM
        702/130
                       .Temperature measuring system
        702/132
                        ...Thermal protection
                  (1 OR, 1 XR)
'02 : DATA PROCESSING: MEASURING, CALIBRATING, OR
2 702/182
                 702 :
        Class
                          TESTING
                       MEASUREMENT SYSTEM
        702/127
        702/182
                       .Performance or efficiency evaluation
                  (2 OR, 0 XR)
2 702/183
        class
                 702 : ´
                        DATA PROCESSING: MEASURING, CALIBRATING, OR
                          TESTING
        702/127
                       MEASUREMENT SYSTEM
        702/182
                        .Performance or efficiency evaluation
        702/183
                        ..Diagnostic analysis
2 702/185
                  (0 \text{ or}, 2 \text{ XR})
                        DATA PROCESSING: MEASURING, CALIBRATING, OR
        Class
                 702 :
                          TESTING
        702/127
                       MEASUREMENT SYSTEM
                        .Performance or efficiency evaluation
        702/182
702/183
                        ..Diagnostic analysis
                        ...Cause or fault identification
        702/185
                  (0 \text{ OR}, 2 \text{ XR})
2 702/56
        class
                 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
                          TESTING
        702/1
                       MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
        702/33
                       .Mechanical measurement system
        702/56
                        ..Vibration detection
```

PLUS Search Results for S/N 10767802, Searched May 24, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

## 10767802\_QUAL.txt

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	("5900555" "6263738" "6294898"  "6397157" "6480810" "6571202" ).PN.	US-PGPUB; USPAT	OR	ON	2005/05/24 09:49

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	50	("4099237" "4368520" "4594668" "4781594" "4785403" "4987401" "5003769" "5323328" "5406472" "5900555" "6070471" "6152162" "6260004" "6330525" "5218863" "4446461" "4625167" "4755752" "5015436" "5305230" "5889590" "6301572" "4280060" "5517464" "4270055" "4282756" "4422180" "4467216" "4575803" "4620446" "4785300" "4787053" "4808785" "4862749" "4881184" "4891948" "4953803" "5178006" "5197040" "5258923" "5365787" "5392320" "5471880" "5479350" "5519740" "5586083" "5636178" "5740126" "5864183" "5984625").pn.	US-PGPUB; USPAT	OR	ON	2005/05/24 13:53